

Abstract

Title: An analysis of safety measures in Tipsport arena for dealing with emergencies

Objectives: The aim of this thesis is to describe and analyze technology in Tipsport Arena ice stadium in Holešovice in terms of safety and security measures and to evaluate the internal measures of HC Sparta Praha. Identify emergency situations that may arise at the ice rink and bring preventive measures generated against these situations.

Methods: In this thesis compilation methods were used for the analysis of the key points about technology and hazardous substances used at the ice rink, security plans arising from legislation and an analysis of the integrated rescue system. In the practical part, a technology and safety measures selected ice rink, the used of methods of analysis, observation and interviews.

Results: Safety measures Tipsport arena is evaluated as positive and its analysis is given in the safety measures servicing of refrigeration devices, security controls before organizing events, breakdown of activities performed by fire hazard and are accompanied by the documentation of fire protection in Tipsport arena.

Keywords: leak, ammonia, system, stadium, failure